

## Corrigendum

TOBIAS BISCHOFF

*California Institute of Technology, Pasadena, California*

TAPIO SCHNEIDER

*ETH Zurich, Zurich, Switzerland, and California Institute of Technology, Pasadena, California*

(Manuscript received and in final form 12 July 2016)

Bischoff and Schneider (2016) contained algebraic errors in approximations of the ITCZ location. Equation (11) therein should read as follows:

$$\delta \approx \frac{1}{a} \left[ \frac{-6\langle \overline{vh} \rangle_0}{\partial_{yy}(\mathcal{S} - \mathcal{L} - \mathcal{O})_0} \right]^{1/3} - \frac{2(\mathcal{S} - \mathcal{L} - \mathcal{O})_0}{a\partial_{yy}(\mathcal{S} - \mathcal{L} - \mathcal{O})_0} \left[ \frac{-6\langle \overline{vh} \rangle_0}{\partial_{yy}(\mathcal{S} - \mathcal{L} - \mathcal{O})_0} \right]^{-1/3}.$$

The original paper was missing a factor of  $1/a$  in front of the second term on the right-hand side.

Also, Eq. (13) should read

$$\delta \approx \pm \frac{1}{a} \left[ -\frac{6(\mathcal{S} - \mathcal{L} - \mathcal{O})_0}{\partial_{yy}(\mathcal{S} - \mathcal{L} - \mathcal{O})_0} \right]^{1/2} + \frac{\langle \overline{vh} \rangle_0}{2a(\mathcal{S} - \mathcal{L} - \mathcal{O})_0}.$$

The original paper contained a factor of  $1/3$  instead of  $1/2$  in front of the second term on the right-hand side.

Finally, Eq. (B9) should read

$$0 = A + \delta_1 AB + 3C\delta_0^2 A\delta_1 \quad \Rightarrow \quad \delta_1 = -\frac{1}{B + 3C\delta_0^2} = \frac{1}{2B},$$

and, as a result, Eq. (B10) should read

$$\delta \approx \pm \left( -\frac{B}{C} \right)^{1/2} + \frac{A}{2B}.$$

The original paper contained a factor of  $1/3$  instead of  $1/2$  in front of the second term on the right-hand side.

These algebraic errors do not affect the results or conclusions presented in the paper.

*Acknowledgments.* We are grateful to Ori Adam for pointing out these errors.

## REFERENCE

Bischoff, T., and T. Schneider, 2016: The equatorial energy balance, ITCZ position, and double ITCZ bifurcations. *J. Climate*, **29**, 2997–3013, doi:[10.1175/JCLI-D-15-0328.1](https://doi.org/10.1175/JCLI-D-15-0328.1).

*Corresponding author address:* Tobias Bischoff, Division of Geological and Planetary Sciences, 1200 E. California Blvd., Pasadena, CA 91125.

E-mail: [tobias@caltech.edu](mailto:tobias@caltech.edu)

DOI: [10.1175/JCLI-D-16-0514.1](https://doi.org/10.1175/JCLI-D-16-0514.1)

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